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# 2009 Tropical Cyclone Conference

United State Transportation  
Command

1Lt Paul Hayes, 618 TACC/XOW

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# Overview

- USTRANSCOM Mission & Vision
- USTRANSCOM Organization
- USTRANSCOM Orientation
- METOC Organization
- Tropical Impacts
- Hot Topics



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# ***USTRANSCOM Mission & Vision***

- Mission: To provide air, land, and sea transportation for the Department of Defense (DOD) in time of peace and war.
- Strategic Vision: USTRANSCOM, providing timely, customer-focused global mobility in peace and war through efficient, effective, and integrated transportation from origin to destination.



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# ***TRANSCOM Organization***

- **Service Components**
  - **Air Mobility Command (AMC)**
  - **Surface Deployment and Distribution Command (SDDC)**
  - **Military Sealift Command (MSC)**

**SDDC**



**MSC**



**AMC**

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# ***TRANSCOM Organization***

- Air Mobility Command
  - High-demand force and cargo movement capability
  - 18<sup>th</sup> Air Force (AF) serves as the air component (AFTRANS)
    - Provides airlift, air refueling, aeromedical evacuation, and air mobility support
  - Most of AMC A-staff doubles as staff



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# ***TRANSCOM Organization***

- Surface Deployment and Distribution Command (SDDC)
  - The single surface deployment and distribution provider for surface movement of all DOD cargo
    - Traffic & freight management, household goods, privately owned vehicles
    - Operates 24 seaports worldwide
    - Humanitarian supplies
  - Assets in motion for SDDC each day:
    - More than 1,000 trucks
    - 10 trains
    - 70 vessels



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# ***TRANSCOM Organization***

- **Military Sealift Command**
  - Provides ocean transportation and chartered commercial ships
  - Carries more than 90% of all equipment and supplies needed to sustain US military forces during combat ops
  - Distinct business areas:
    - Tanker operations
    - Dry cargo
    - Strategic Surge
    - Afloat Prepositioned Force-T



SOURCE: 2007 USMC ANNUAL COMMAND REPORT

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# ***TRANSCOM Orientation***

- Key Mission Areas:
  - Provide common-user and commercial air, land, and sea transportation, terminal management, and aerial refueling
  - Develop and implement global joint mobility sourcing solutions from all mobility forces and capabilities
  - Act as the Distribution Process Owner overseeing the effectiveness, efficiency, and alignment of DOD-wide distribution activities
  - Serve as the Distribution Portfolio Manager to include managing the distribution portfolio's information technology
  - Provide global patient movement
  - Serve as the DOD single manager for Operational Support Airlift assets





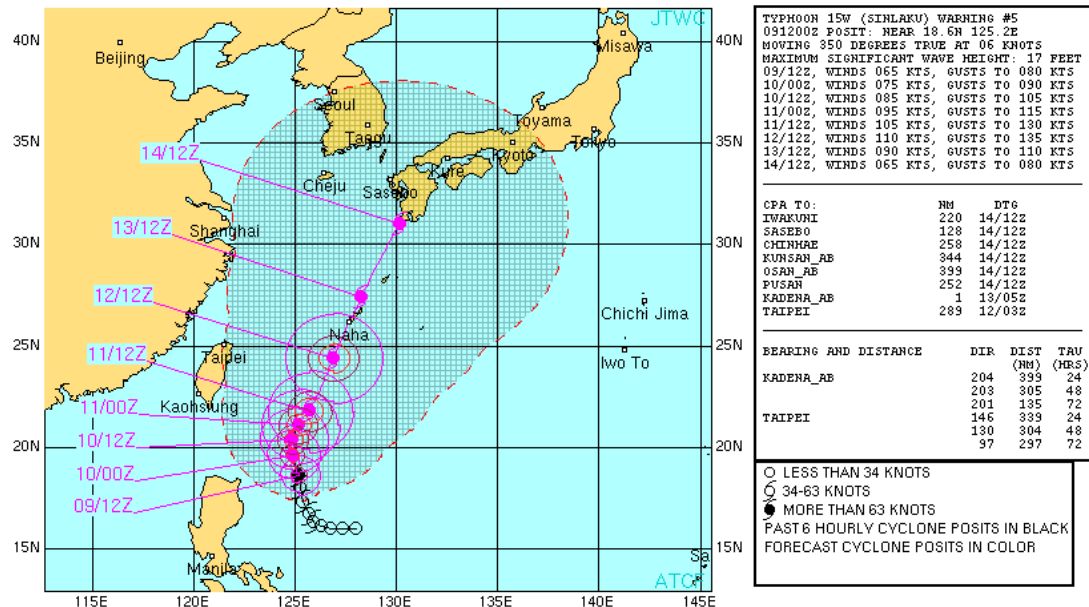
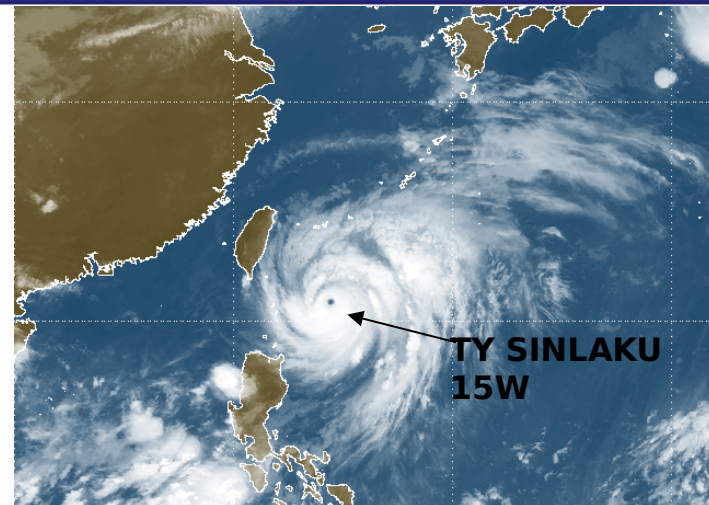
# ***METOC Organization***

- USTRANSCOM has no full-time Senior METOC Officer (SMO) assigned to the staff
- Per MOA between USTC/J3, AMC/A3, and 618 TACC/CC:
  - AMC/A3W provides SMO and staff expertise
    - Participates in staff planning and METOC analysis
    - Coordinates on/reviews publications
  - 618 TACC/XOW provides METOC production services (USTRANSCOM's JMCO)
    - Briefing slides
    - Specialized METOC services, including support tailored to 18 AF aircraft under 618 TACC control
- MSC has no HQ METOC support; operational support is provided through area command METOC assets
- SDDC has no dedicated METOC support



# **Tropical Impacts**

- Interested in all Tropical Storms worldwide
- Main issues come with routing around storms, especially with choke points
- Predict any base impacts using Hurritrak Advanced with onset of sustained 35KT winds and/or 25KT X-Winds



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# ***Tropical Impacts: Routing***

- 618 TACC uses flight managers at its HQ to act as “Virtual Crew Members”
- XOW notifies flight managers of adverse weather (i.e. a TC in the way)
- XOW works with the Flight managers to mitigate the effects of the poor weather
- Sinlaku required 12 missions to have to change their routing.
- Threatened Kadena
- Occurred at the same time that Ike was bearing down on Texas

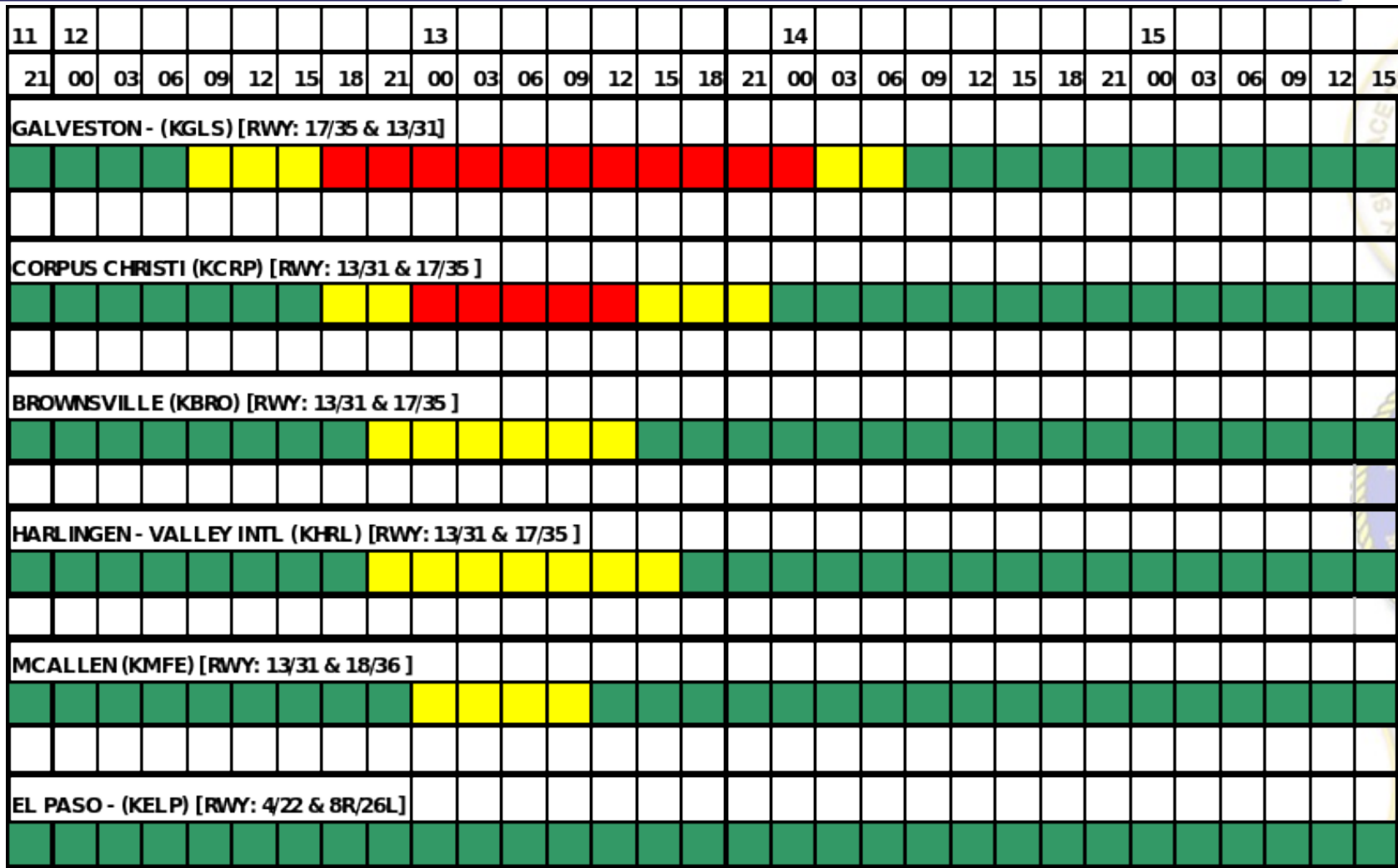




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# Tropical Impacts: Ike



YELLOW = WINDS &gt; 25 &lt; 35 KTS



RED = WINDS &gt; 35 KTS



XW = Cross Wind on Wet Rwy

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# *Hot Topics*

- Review of USTC/J3 – AMC/A3 – 618 TACC/CC MOA governing USTC METOC support
  - ...color commentary about potential options?...
- USTC Hurricane Exercise – 27-29 May 09
  - Multi-state, multi-agency participation
    - TX & LA emergency management agencies to participate
    - USNORTHCOM invited
  - 1 day of academics, 2 partial days dedicated to play



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# Questions?



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